AEA Technology profile (A), 269 **AEROSPACE** Advanced materials mean advanced engines (A), 446 Blue skies research: the highlights of Farnborough 96 (A), 585 Magnesium alloys: the light choice for aerospace (A), 127 Rapid NDT of aerospace structures (A), 450 ANALYSIS For best results... valid analytical measurement (A), 397 Strain scanning: getting inside information (A), 9 Ultrasound analysis of particle size distribution (A), 12 Tool wear monitoring by optical techniques (A), 131 The capillary rheometer: applications in the plastics industry (A), 518 ARMOURERS and Brasiers profile (A), 210 **AUTOMOTIVE MATERIALS** Making an impact: composites in the automotive industry (A), 197 Reincarnation: recycling in the automotive industry (A), 573 BUILDING AND CONSTRUCTION Building a reputation: wood-like products from polystyrene (A), 634 Building technology and techniques (C), 140 Materials & conservation of twentieth century buildings (A), 324 PVC building products and the environment (A), 134 Structural steel design awards 1995 (A), 138 Timber and wood products in construction (A), 136 BUSINESS Trading places: IBIS aids flights overseas (A), 710 CARBON-graphite materials, Smooth operators (A), 707 CERAMICS Bicomponent extrusion of ceramic fibres (A), 191 Ceramic processing, some novel techniques (A), 64 Making ceramic powders from molten salts (A), 458 Microwave assisted gas firing of ceramics (A), 80 452 COMPOSITE MATERIALS ECCM7 report (C), 468 Making an impact: composites in the automotive industry (A), 197 Nondestructive evaluation of large composite components (A), 203 The effects of ageing on fibre reinforced plastics (A), 200 CORROSION Duplex steel corrosion in harsh environments (A), 322 Materials & conservation of twentieth century buildings (A), 324 **EDUCATION** Course materials - education focus (P), Flexible learning: education for the rub-

ber industry (A), 649

view (A), 276

Focus on CPD and education, 651

Teaching quality assessment - an inside

ENERGY EFFICIENCY Energy efficiency: best practice in thermal processing (A), 76 1995 Business Energy Awards (A), 81 **ENVIRONMENTAL ISSUES** A global challenge-nuclear power (A), 454 Recycle or reclaim: the rubber option (A), 577 Recycling 96 (E), 538 Reincarnation: recycling in the automotive industry (A), 573 Steel and the environment in the 21st century (A), 326 Vacuum thermal recycling of lubricants, metals and batteries (A), 581 FRACTURE Constance Tipper: her life and work (A), 336 The mystery of the Titanic: a case of brittle fracture? (A), 334 INVAR nickel-iron alloy: 100 years on (A), 332 JOINING AND BONDING Diffusion bonding of metals and alloys Durability of adhesive joints (C), 282 Joining thermoplastics using solar energy (A), 387 Rubber to metal bonds: durability and failure (A), 382 MAGNESIUM alloys: the light choice for aerospace (A), 127 MARINE TECHNOLOGY All at sea with titanium: its role in offshore applications (A), 696 Offshore flexibility: marine engineering with polymers (A), 693 MATERIALS Advanced materials mean advanced engines (A), 446 Materials: handmaid and master of all engineering (A), 402 New materials: fact or fantasy? (A), Picking a winner: optimising materials selection (A), 646 MEDICINE Condoms in the age of AIDS (A), 255 Filling the gaps: the revolution in dental materials (A), 259 METALS Engineering 96 (E), 463 MICROSCOPY Biomaterials under the microscope (A), Digital control of optical microscopes (A), 279 Field emission SEM for true surface imaging and analysis (A), 583 FTIR microscopy: a live wire for materials analysis (A), 709 Micro 96 (E), 357 Tool wear monitoring by optical techniques (A), 131 MODELLING Hyperbolic tangents and alloys of iron NONDESTRUCTIVE TESTING Early failure detection using positron annihilation NDT (A), 391 Laser shearography for rapid nondestructive inspection (A), 521 Nondestructive evaluation of large composite components (A), 203 Rapid NDT of aerospace structures (A),

Sounding out materials: ultrasonic nondestructive analysis (A), 637 Strain scanning: getting inside information (A), 9 PACKAGING It's in the can: new steel packaging (A), Test methods for plastics in packaging (C), 142 **PLASTICS** Decorative electroplating of plastics (A), High performance toys make demands on polymers (A), 395 Intelligent process control for plastic injection moulding (A), 208 Interplas 96 (E), 587 Joining thermoplastics using solar energy (A), 387 PVC building products and the environment (A), 134 Test methods for plastics in packaging (C), 142 The capillary rheometer: applications in the plastics industry (A), 518 POWDER METALLURGY Advances in powder metallurgy: innovation awards (A), 25 Advanced materials make headway with powder metallurgy (C), 27 PM superalloys: past, present, and future (A), 22 Powder injection moulding: some novel developments (A), 629 PRESIDENTIAL ADDRESS Materials: handmaid and master of all engineering (A), 402 **PROCESSING** Bicomponent extrusion of ceramic fibres (A), 191 Intelligent process control for plastic injection moulding (A), 208 Making ceramic powders from molten salts (A), 458 New case hardening process for austenitic stainless steels (A), 460 Plasma sprayed coatings versus high velocity oxy fuel processes (A), 455 Rotational moulding - increasing turnover, the growth of ... (A), 631 Rubber processing: evolution and challenges (A), 194 X-ray lithography and its applications (A), 189 Condoms in the age of AIDS (A), 255 Flexible learning: education for the rubber industry (A), 649 Rubber to metal bonds: durability and failure (A), 382 Recycle or reclaim: the rubber option (A), 577 Rubber information on tap: the work of the IRSG (A), 466 Rubber processing: evolution and challenges (A), 194

SEMI-SOLID processing of alloys and

Smart materials: the emerging technolo-

Smart coatings: a bright future (A), 19

SPRAY forming: exploiting the metallur-

Duplex steel corrosion in harsh environ-

composites (C), 540

SMART MATERIALS

gical benefits (A), 317

STEEL

Electric arc v basic oxygen steelmaking processes (A), 514 Engineering steels information day (C), Furnace management: optimum feedstock control by computer (A), 517 It's in the can: new steel packaging (A), Monolithic refractories (C), 663 New case hardening process for austenitic stainless steels (A), 460 Steel and the environment in the 21st century (A), 326 Structural steel design awards 1995 (A), 138 SURFACE ANALYSIS & ENGINEERING Decorative electroplating of plastics (A), Field emission SEM for true surface imaging and analysis (A), 583 High performance coatings and surface treatment technology (A), 262 Novel plasma processing for enhanced surface engineering (A), 389 Plasma sprayed coatings versus high velocity oxy fuel processes (A), 455 TECHNOLOGY TRANSFER in the European Community (A), 398 TESTING Feeling the burn: measuring heat release in fires (A), 73 Laser shearography for rapid nondestructive inspection (A), 521 MTQ 96 - testing for quality (E), 145 Testing and analysis round up (A), 329 Testing toughness of pressurised water pipes (A), 525 The effects of ageing on fibre reinforced plastics (A), 200 Under pressure in Europe: testing times for gas cylinder standards (A), 703 THERMAL PROCESSING Energy efficiency: best practice in thermal processing (A), 76 Furnace management: optimum feedstock control by computer (A), 517 Heated materials issues (C), 143 Heat treatment by induction (A), 273 Joining thermoplastics using solar energy (A), 387 Microwave assisted gas firing of ceram-Novel plasma processing for enhanced surface engineering (A), 389 UIE congress on electricity applications (C), 470 Vacuum thermal recycling of lubricants, metals and batteries (A), 581

ments (A), 322

January	1-56
February	57-120
March	121-184
April	185 - 248
May	249-312
June	313 - 376
July	377 - 440
August	441 - 504
September	505 - 568
October	569 - 624
November	625 - 688
December	689 - 752
(A) Feature	

C) Conference report

(E) Exhibition preview